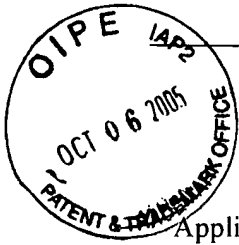


Please Direct All Correspondence to Customer Number **20995**



**TRANSMITTAL LETTER**  
**INFORMATION DISCLOSURE STATEMENT**

Applicant : Shigeo Hayashi  
App. No : 10/531,959  
Filed : April 19, 2005  
For : DISPLAY ELEMENT AND  
MANUFACTURING METHOD  
THEREFOR  
Examiner : Unassigned  
Art Unit : Unknown

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

October 4, 2005

(Date)

Eric M. Nelson, Reg. No. 43,829

**Mail Stop Amendment**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement and PTO/SB/08 equivalent listing references for consideration:
  - (X) Listing twenty-four references.
  - (X) Enclosing sixteen references.
- (X) A copy of International Search Report.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

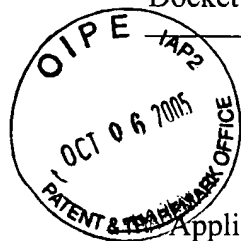
Eric M. Nelson

Registration No. 43,829

Attorney of Record

Customer No. 20,995

(619) 235-8550



## INFORMATION DISCLOSURE STATEMENT

Applicant : Shigeo Hayashi  
App. No : 10/531,959  
Filed : April 19, 2005  
For : DISPLAY ELEMENT AND  
MANUFACTURING METHOD  
THEREFOR  
Examiner : Unassigned  
Art Unit : Unknown

## CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

October 4, 2005

(Date)

Eric M. Nelson, Reg. No. 43,829

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application is a PTO/SB/08 Equivalent listing twenty-four (24) references to be considered by the Examiner. Also enclosed are sixteen (16) foreign patent references and non-patent literature as listed on the Information Disclosure Statement. Also enclosed is a copy of International Search Report.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required. If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: Oct. 4, 2005

By:

Eric M. Nelson  
Registration No. 43,829  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550

## INFORMATION DISCLOSURE

## STATEMENT BY APPLICANT

(Multiple sheets used when necessary)

SHEET 1 OF 2

|                      |                |
|----------------------|----------------|
| Application No.      | 10/531,959     |
| Filing Date          | April 19, 2005 |
| First Named Inventor | Shigeo Hayashi |
| Art Unit             | Unknown        |
| Examiner             | Unassigned     |
| Attorney Docket No.  | SHIGA3.006APC  |

## U.S. PATENT DOCUMENTS

| Examiner Initials | Cite No. | Document Number<br>Number - Kind Code (if known)<br>Example: 1,234,567 B1 | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant | Pages, Columns, Lines Where<br>Relevant Passages or Relevant<br>Figures Appear |
|-------------------|----------|---|--------------------------------|-------------------------------|--|
|                   | 1        | 4,126,854   | 11/21/1978                     | Sheridon                      |  |
|                   | 2        | 4,143,103   | 3/6/1979                       | Sheridon                      |  |
|                   | 3        | 5,262,098   | 11/16/1993                     | Crowley et al.                |  |
|                   | 4        | 5,389,945   | 2/14/1995                      | Sheridon                      |  |
|                   | 5        | 6,422,687   | 7/23/2002                      | Jacobson                      |  |
|                   | 6        | 5,604,027   | 2/18/1997                      | Sheridon                      |  |
|                   | 7        | 6,312,340   | 11/6/2001                      | Gassen et al.                 |  |
|                   | 8        | 5,900,192   | 5/4/1999                       |                               |  |
|                   |          |   |                                |                               |  |
|                   |          |   |                                |                               |  |
|                   |          |   |                                |                               |  |

## FOREIGN PATENT DOCUMENTS

| Examiner Initials | Cite No. | Foreign Patent Document<br>Country Code-Number-Kind Code<br>Example: JP 1234567 A1 | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant | Pages, Columns, Lines Where<br>Relevant Passages or Relevant<br>Figures Appear | T <sup>1</sup> |
|-------------------|----------|--|--------------------------------|-------------------------------|--|----------------|
|                   | 9        | JP 01-282589   | 11/14/1989                     | Fuji Xerox Co Ltd             |  |                |
|                   | 10       | JP 06-226875   | 8/16/1994                      | Xerox Corp                    |  |                |
|                   | 11       | JP 10-214050   | 8/11/1998                      | Brother Ind Ltd               |  |                |
|                   | 12       | JP 11-085069   | 3/30/1999                      | Canon Inc                     |  |                |
|                   | 13       | JP 2002-006346   | 1/9/2002                       | Ricoh Co Ltd                  |  |                |
|                   | 14       | JP 2002-062546   | 2/28/2002                      | Ricoh Co Ltd                  |  |                |
|                   | 15       | JP 2002-258329   | 9/11/2002                      | Ricoh Co Ltd                  |  |                |
|                   | 16       | JP 2002-258330   | 9/11/2002                      | Fujitsu Ltd                   |  |                |
|                   | 17       | JP 2002-287175   | 10/3/2002                      | Minolta Co Ltd                |  |                |
|                   | 18       | JP 2002-099004   | 4/5/2002                       | Fujitsu Ltd                   |  |                |
|                   | 19       | WO 98/03896  | 1/29/1998                      | Jacobson                      |  |                |
|                   | 20       | JP 59-52521  | 3/27/1984                      | Tsukishima Kikai Co Ltd       |  |                |
|                   | 21       | JP 2001-183708   | 4/6/2001                       | Xerox Corp                    |  |                |

Examiner Signature

Date Considered

\***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.

## INFORMATION DISCLOSURE

## STATEMENT BY APPLICANT

|                      |                |
|----------------------|----------------|
| Application No.      | 10/531,959     |
| Filing Date          | April 19, 2005 |
| First Named Inventor | Shigeo Hayashi |
| Art Unit             | Unknown        |
| Examiner             | Unassigned     |
| Attorney Docket No.  | SHIGA3.006APC  |

(Multiple sheets used when necessary)

SHEET 2 OF 2

## FOREIGN PATENT DOCUMENTS

| Examiner Initials | Cite No. | Foreign Patent Document<br>Country Code-Number-Kind Code<br>Example: JP 1234567 A1 | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant              | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear | T <sup>1</sup> |
|-------------------|----------|--|--------------------------------|--|--|----------------|
|                   | 22       | JP 63-15284  | 1/22/1988                      | Riko Oyo Denshi Kenkyusho Kabushiki Kaisha |  |                |
|                   | 23       | JP 2002-233748   | 8/20/2002                      | Xerox Corp                                 |  |                |
|                   |          |  |                                |  |  |                |
|                   |          |  |                                |  |  |                |

## NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>1</sup> |
|-------------------|----------|---|----------------|
|                   | 24       | Saitoh et al., "A Newly Developed Electrical Twisting Ball Display", (1982) Proceedings of the SID, Vol.23/4 pgs 249-253.   |                |
|                   |          |   |                |
|                   |          |   |                |
|                   |          |   |                |
|                   |          |   |                |

1820883  
071905

Examiner Signature

Date Considered

\***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.